Amendments to the Claims

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims

1. (Currently Amended) An analysis information management method using a service center having a database ~~(16)~~ connected to a plurality of automatic~~ally~~ analyzing apparatuses ~~(100)~~ used in a plurality of facilities through communication lines for storing analysis parameters related to a plurality of reagents for use in the plurality of automatic~~ally~~ analyzing apparatuses used in the plurality of facilities, the method comprising the steps of:

~~characterized by~~ transferring analysis parameters for a testing item to be analyzed using a reagent to ~~an~~one automatic~~ally~~ analyzing apparatus of the plurality of automatic analyzing apparatuses through the communication line in response to a request from said one automatic~~ally~~ analyzing apparatus;~~.~~

said service center, responsive to a request from said one automatic analyzing apparatus, creating a list of reagents available in said one automatic analyzing apparatus from information on reagents stored in said database, and supplies said one automatic analyzing apparatus with the list through said communication line, and

said service center, responsive to a selection of an associated reagent from said list made by a user of said one automatic analyzing apparatus, transferring analysis parameters for a testing item to be analyzed using the selected reagent to said one automatic analyzing apparatus through said communication line.

2. (Currently Amended) An analysis information management method according to claim 1, wherein ~~characterized in that~~:

said automatic~~ally~~ analyzing apparatus ~~(100)~~ automatically sets the transferred analysis parameters.

3. (Currently Amended) An analysis information management method according to claim 1, wherein ~~characterized in that~~:

said database ~~(16)~~ stores analysis parameters related to reagents from a plurality of reagent suppliers.

4-5. (Canceled)

6. (Currently Amended) An analysis information management method according to claim 1, wherein ~~characterized~~

~~in that~~:

when a reagent supplier ~~(20)~~ supplies a novel reagent or a reagent in a new lot to a user of said one~~an~~ automatic~~ally~~ analyzing apparatus, said reagent supplier registers said database with information related to said reagent, such as said reagent, automatic~~ally~~ analyzing apparatuses capable of using said reagent, and analysis parameters for said reagent prior to ~~the~~ supply.

7. (Currently Amended) An analysis information management method according to claim 1, whereinc~~haracterized~~ ~~in that~~:

said service center ~~(10)~~ classifies and stores information on analyses such as results of calibrations measured by said automatic~~ally~~ analyzing apparatuses, results of analyses on accuracy management samples, reagents used in analyses, and analysis parameters for each facility or for each automatic~~ally~~ analyzing apparatus; and

calculates, based on the stored information on the results of analyses, a standard value for results of analyses on accuracy management samples using the same reagents in all automatic~~ally~~ analyzing apparatuses in all facilities administered by said service center, so that when a certain

automatic~~ally~~ analyzing apparatus administered said service center has newly analyzed an accuracy management sample, said service center calculates a deviation between the result of analysis and said standard value for evaluation to verify that analysis parameters used in the analysis are correct.

8. (Currently Amended) An analysis information management method according to claim 7, wherein~~characterized in that~~:

said service center~~ (10)~~, upon determination that the result of analysis on an accuracy management sample transferred thereto from ~~an~~said one automatic~~ally~~ analyzing apparatus was derived using newly set analysis parameters, summarizes the result of verification in a report, and transmits the report to ~~the~~said one automatic~~ally~~ analyzing apparatus through the communication line.

9. (Currently Amended) An analysis information management method according to claim 7, wherein~~characterized in that~~:

each time said service center~~ (10)~~ receives the result of analysis on an accuracy management sample from ~~an~~said one automatic~~ally~~ analyzing apparatus, said service

center calculates a deviation from said standard value, and transmits the result of analysis to ~~the~~said one automatic~~ally~~ analyzing apparatus through the communication line if any defect is recognized.

10. (Currently Amended) An analysis information management method according to claim 9, wherein~~characterized in that~~:

when no defect is recognized in the result of analysis, said service center ~~(10)~~ stores the result of analysis, periodically creates a report, and transmits the report to the automatic~~ally~~ analyzing apparatuses through the communication lines.

11. (Currently Amended) An analysis information management method according to claim 7, wherein~~characterized in that~~:

said service center ~~(10)~~ periodically calculates said standard value, and transmits said standard value to the automatic~~ally~~ analyzing apparatuses through the communication lines as technical information.

12. (Currently Amended) An analysis information

management method according to claim 1, wherein~~characterized in that~~:

said service center ~~(10)~~ stores and manages by version programs for controlling the automatic~~ally~~ analyzing apparatuses administered thereby, and automatically installs a program of a requested version in response to a request from an automatic~~ally~~ analyzing apparatus administered thereby.

13. (Withdrawn) An analysis information management system comprising:

a communication unit (12) for transmitting and receiving among a plurality of automatically analyzing apparatuses information such as information on analyses performed by the respective automatically analyzing apparatuses;

a database (16) for storing information such as the analysis information;

an analysis information parsing unit (14) for evaluating and parsing results analyzed by said automatically analyzing apparatuses using the analysis information stored in said database; and

a reagent parameter registration unit (18) for registering information on reagents in said database,

characterized in that said communication unit (12) retrieves information on analysis parameters related to a managed reagent from said database in response to a request from said automatically analyzing apparatus, and transfers the information to said automatically analyzing apparatus.

14. (Withdrawn) An analysis information management system according to claim 13, characterized in that:

said communication unit (12) retrieves information on a list of managed reagent from said database in response to a request from said automatically analyzing apparatus, and transfers the information to said automatically analyzing apparatus.

15. (Withdrawn) An analysis information management system according to claim 13, characterized in that:

said analysis information parsing unit (14) calculates a standard value for results of analyses on accuracy management samples made using the same reagent in all automatically analyzing apparatuses in all facilitates administered by said service center based on analysis information such as results of calibrations measured by the automatically analyzing apparatuses, results of analyses on the accuracy management

samples, reagents used in the analyses, and analysis parameters, said analysis information stored in said database, so that when a certain automatically analyzing apparatus administered by said service center has newly analyzed an accuracy management sample, said analysis information parsing unit calculates a deviation between the result of analysis and said standard value for evaluation to verify that the analysis parameters used in the analysis are correct.